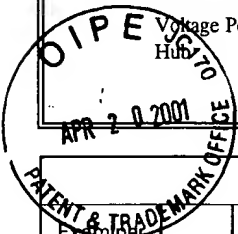


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  FOR: Method and Apparatus for Minimizing the Telephony Ring Voltage Power Supply Requirements of an Integrated Services Hub	ATTY. DOCKET NO. IDF 1504 (4000-03000)	SERIAL NO. 09/727,201
APPLICANTS: Goodrich, et al.		
FILING DATE: November 30, 2000		GROUP 2643



U. S. PATENT DOCUMENTS													
Examiner Initial		Patent Number							Issue Date	Patentee	Class	Sub-class	Filing Date (If Appropriate)
BIL	AA	5	8	8	1	1	4	2	03/09/99	Frankel, et al.	379	167	07/18/95
	AB	5	9	6	3	6	2	0	10/05/99	Frankel, et al.	379	93.05	05/30/97
	AC	6	0	7	5	7	8	4	06/13/00	Frankel, et al.	370	356	06/09/98
	AD	6	1	4	1	3	3	9	10/31/00	Kaplan, et al.	370	352	04/04/97
	AE	09	1	9	7	0	4	4		Way, et al.			11/20/98
	AF	09	2	2	6	5	7	5		Rush, et al.			01/07/99
	AG	09	6	5	0	9	8	5		Kaplan, et al.			08/30/2000
	AH	09	6	5	0	5	6	0		Kaplan, et al.			08/30/2000
	AI	09	6	5	3	1	0	5		Dale, et al.			08/31/2000
	AJ	09	6	7	5	5	8	5		Goodrich			09/29/2000
	AK	09	6	8	7	6	8	3		Bayerl, et al.			10/12/2000
	AL	09	6	8	9	3	6	5		Goodrich			10/12/2000
	AM	09	7	0	2	9	3	3		Mahaney			10/31/2000
	AN	09	7	1	1	1	1	3		Goodrich			11/09/2000

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION															
			Document Number							Publication Date	Country or Patent Office	Class	Sub-Class	Translation	
			Yes	No											

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)			
Examiner	BINH Tien		Date Considered
JAN. 15, 2004			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			